

INTERNATIONAL SEARCH REPORT

10/520052

International Application No

PCT/CA 03/01494

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B63B35/73 B63H5/125

Rec'd PTO MAR 2005

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B63B B63H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/029133 A1 (BREEMS MARTINUS VAN). 11 October 2001 (2001-10-11) page 1, paragraph 5-16 page 2, paragraph 27 page 6, paragraph 47; figures 1,2,6	1-7
X	GB 379 095 A (MARY JANE HILL; REBECCA BURROW) 25 August 1932 (1932-08-25) the whole document	1-7
X	DE 852 960 C (VOITH GMBH J M) 20 October 1952 (1952-10-20) claim 1; figure 1	1-4
X	WO 01/30650 A (M VAN DER LAAN ; IMC CORPORATE LICENSING BV (NL)) 3 May 2001 (2001-05-03) abstract; figure 2	1-4
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

8 December 2003

Date of mailing of the international search report

16.07.04

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Moya, E

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 175 511 A (KRAUTKREMER FRANZ) 27 November 1979 (1979-11-27) abstract; figure 3 -----	1-4
A	US 6 190 216 B1 (KING TERRY) 20 February 2001 (2001-02-20) column 5, line 66 - column 6, line 8; figures 3,18 -----	1-7
A	US 4 459 116 A (MOORE GEORGES) 10 July 1984 (1984-07-10) abstract; figures -----	1-7

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International application No.
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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-7

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-7

Watercraft with a hull having a longitudinal centre and a member for producing movement mounted at a rotatable mount located at or ahead the longitudinal centre.

2. claims: 8-12

Propeller housing having inlet and outlet with means to cut hair

3. claims: 13-14

Propeller housing having a chamber, inlet, outlet and guard means comprising planar members to prevent fingers and toes from contacting the propeller.

4. claims: 15-19

Propeller housing comprising an inner wall, outlet, inlet and a propeller defining a gap between propeller and wall of up to 25% of propeller diameter.

5. claims: 20-25

A propeller housing having inlet, outlet and at least one of the inlet or outlet having water straightening means.

6. claims: 26-28

A hull for a watercraft having a rigid portion below waterline when in use and an inflatable portion a part of which is above waterline

7. claims: 29-31

A hull for a watercraft with outer and interior inflatable members.

8. claim: 32

An inflatable driver's seat

9. claims: 33-35

A propulsion system comprising a plurality of propellers positioned in series longitudinally.

10. claims: 36-39

A watercraft having a hull and propellers positioned in parallel.

11. claims: 40-44

A watercraft comprising a hull and a water cannon.

12. claims: 45-46

A watercraft having a hull, propulsion means steering means and a headlight.

13. claims: 47-49

A watercraft comprising a hull, propulsion means, steering means and a radio.

14. claims: 50-51

A hull with an inflatable member and a canister with a mixture of hard drying foam.

15. claims: 52-57

A hull with a foldable rigid section and at least one inflatable section.

16. claims: 58-60

A watercraft with a hull, propelling means, steering means and a recess for receiving the propelling means.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CA 03/01494

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2001029133	A1	11-10-2001	NONE
GB 379095	A	25-08-1932	NONE
DE 852960	C	20-10-1952	NONE
WO 0130650	A	03-05-2001	NL 1012977 C1 06-03-2001 AU 7323800 A 08-05-2001 EP 1208035 A1 29-05-2002 WO 0130650 A1 03-05-2001 US 6698374 B1 02-03-2004
US 4175511	A	27-11-1979	DE 2655667 A1 22-06-1978 AR 214339 A1 31-05-1979 AT 367697 B 26-07-1982 AT 650077 A 15-12-1981 AU 510266 B2 19-06-1980 AU 2906977 A 29-03-1979 BE 860806 A1 01-03-1978 BR 7707329 A 29-05-1979 CA 1073755 A1 18-03-1980 DD 133138 A5 13-12-1978 DK 542777 A 09-06-1978 EG 13293 A 31-12-1981 ES 462914 A1 16-06-1978 FI 772855 A ,B 09-06-1978 FR 2373442 A1 07-07-1978 GB 1536087 A 20-12-1978 GR 62894 A1 20-07-1979 HU 176717 B 28-04-1981 IL 53224 A 31-07-1981 IN 147611 A1 03-05-1980 IT 1091107 B 26-06-1985 JP 1202105 C 25-04-1984 JP 53073791 A 30-06-1978 JP 58035916 B 05-08-1983 NL 7712210 A ,B, 10-05-1978 NO 774189 A ,B 09-06-1978 NZ 185212 A 27-05-1980 PL 202701 A1 19-06-1978 PT 67122 A ,B 01-11-1977 RO 72732 A1 01-02-1983 SE 7713865 A 09-06-1978 SU 740150 A3 05-06-1980 YU 258877 A1 31-10-1982 ZA 7706683 A 27-09-1978
US 6190216	B1	20-02-2001	US 5954551 A 21-09-1999 US 5496198 A 05-03-1996 CA 2198807 A1 01-09-1997 CA 2137516 A1 09-06-1995
US 4459116	A	10-07-1984	NONE